

[illegible]

Output from the first multiplexer is used to generate a threshold comparison signal. The generated threshold comparison signal, the current dwell state signal and inputs from a next dwell look-up table are multiplexed by a second multiplexer. The second multiplexer outputs a hard hit signal and a offset control signal.

- The generated threshold comparison signal, the current dwell state signal and inputs from a next dwell look-up table are multiplexed by a second multiplexer. The second multiplexer outputs a hard hit signal and a offset control signal.